Name (Print/Type)

Signature

| Under the Paperwork Reduction Act of 1995, no | persons are requ | uired to resp | ond to a collection of | of information u | nless it displa | ays a valid OME | 3 control number. | |
|---|---|--|---|---|---|-------------------------------|-------------------------------|--|
| UTILITY | UTILITY | | Oocket No. | 501.43352X00 | | | | |
| PATENT APPLICATION | | First Inver | ntor | NAMBU, HIROAKI | | | | |
| TRANSMITTAL | | | | SEMICONDUCTOR INTEGRATED CIRCUIT | | | | |
| (Only for new nonprovisional applications under 37 Ci | FR 1.53(b)) | Express N | fail Label No. | | | | | |
| APPLICATION ELEMENT SEE MPEP chapter 600 concerning utility pate | | Mail Stop Patent Application ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450 | | | | | | |
| Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee) Applicant claims small entity status. | processing) . | | Com 8. Nucleotide | ROM or CD-R nputer Program and/or Amino a le, all necessas | n (<i>Appendix)</i> Acid Sequend | | 0 | |
| See 37 CFR 1.27. | | | a. 🔲 Com | puter Readable | e Form (CRF |) | F = 17 | |
| 3. Specification [Total (preferred arrangement set forth below) | Pages: <u>40</u>] | | | tion Sequence | | ppies); or | 9844 3844 | |
| -Descriptive title of the invention -Cross Reference to Related Applications | | | ii. , | ☐ paper | | | -12 <u>= 1</u> | |
| -Statement Regarding Fed sponsored R & -Reference to sequence listing, a table, | D | | c. Stat | c. Statements verifying identity of above copies | | | | |
| or a computer program listing appendix -Background of the Invention | | A | CCOMPANY | ING APPLI | CATION PAR | RTS | | |
| -Brief Summary of the Invention -Brief Description of the Drawings (if filed) | | 9. Assi | (s)) | | | | | |
| -Detailed Description -Claim(s) -Abstract of the Disclosure | | | 10. 37 CFR 3.73(b) Statement Power of Attorn (when there is an assignee) | | | | | |
| | Sheets: 12] | | 11. Eng | lish Translation | Document (| if applicable) Copies of | IDS Citations | |
| Oath or Declaration Newly executed (original or copy) 7. Declaration 8. Declaration | Sheets: 4] | | | ement (IDS)/P ⁻ iminary Amend | | | ition and Marked- | |
| b. Copy from a prior application (37 CFR 1. | | | Up (| copy urn Receipt Pos | | | | |
| i. DELETION OF INVENTOR | | | (Sho | ould be specific | ally itemized, |) · | | |
| Signed statement attached deletin Named in the prior application, see | (if foreign priority is claimed) | | | | | | | |
| 1.63(d)(2) and 1.33(b) | (b)(2 | 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | | | | | | |
| 6. Application Data Sheet. See 37 CFR 1.76 | 5 | | | s equivalent. er: Figs. 1-1 3 | 7; Credit C | ard Paymen | t.Form | |
| 18. If a CONTINUING APPLICATION, check a or in an Application Data Sheet under 37 CFR Continuation Divisional Prior application information: Examiner: For CONTINUATION OR DIVISIONAL APPS only: Box 5b, is considered a part of the disclosure of the incorporation can only be relied upon when a | ? 1.76: Contin Art Unit: The entire discleded accompanying | uation-in-pai | oly the requisite in it (CIP) of prior e prior application, tion or divisional a | application No. from which a | elow and in .: n oath or de d is hereby ii | a preliminary claration is su | y amendment, upplied under | |
| | · | | ENCE ADDRESS | | | | | |
| Customer Number 020457 | | | | | OR C | orrespondence | address below | |
| Name ANTONELLI, TERRY | , STOUT & K | RAUS, LLI | <u> </u> | | | | | |
| Address | | | | | | | | |
| Address City | | State | | | Zip Code | | | |
| Country | <u> </u> | Telephone | (703) 312-6600 | | Fax | (703) 312-6 | 6666 | |

This collection of information of the collection of information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No. (Attorney/Agent)

28,141

Date

February 2, 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| FEE TRANSMITTAL | | | | Complete if Known | | | | | | | | |
|---|-------------------------------|-----------------|--|----------------------------------|--------------|--|---|--|---|---|-----------|----------|
| | | | Α | Application Number | | | | | | | | |
| for FY 2004 | | | Fi | Filing Date | | | February 2, | February 2, 2004 | | | | |
| 101 F 1 2004 | | | Fi | First Named Inventor | | | NAMBU, HIF | NAMBU, HIROAKI | | | | |
| Effective 10/01/2003. Patent fees are subject to annual revision. | | | E: | Examiner Name | | | | | | | | |
| ☐ Applicant claims small entity status. See 37 CFR 1.27 | | | Art Unit | | | | | | | | | |
| TOTAL AMOUNT OF PAYMENT (\$) 810.00 | | | | Attorney Docket No: 501.43352X00 | | | | | | | | |
| | | | | | | | | | | | | |
| METHOD OF PAYMENT (check all that apply) | | | FEE CALCULATION (continued) | | | | | | | | | |
| ☐ Check | | | | | 3. Al | DDITIO | ONAL F | EES | | | | |
| □ Deposit A | Account: | | | • | | | | | | | | |
| Deposit | | | | Large Entity , Small Entity | | | | | | | | |
| Account 01-2135 Number | | | | | | | | | | Fee Paid | | |
| Depos | | .II: T . | say Stout & Kasus III D | | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Descrip | ntion | | |
| Account Antonelli, Terry, Stout & Kraus, LLP | | | | | 1051 | 130 | 2051 | | Surcharge – late filir | | | |
| The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments | | | | 1052 | 50 | 2052 | | Surcharge – late pro | rcharge – late provisional filing fee or ver sheet | | | |
| ⊠ Charge a | any additions | al fee/ | s) during the pendency of ti | his application | 1053 | 130 | 1053 | | | n-English specification | | |
| □ Charge any additional fee(s) during the pendency of this application. | | | 1812 | 2,520 | 1812 | 2,520 | For filing a request f | filing a request for ex parte reexamination | | | | |
| | | | low, except for the filing f sit account. | ee | 1804 | 920* | 1804 | | Requesting publicat Examination action | ion of SIR prior to | | |
| FEE CALCULATION 1. BASIC FILING FEE | | | | 1805 | 1,8401 | 1805 | | Requesting publicat Examiner action | ion of SIR after | | | |
| | Entity Sma | | ty | | 1251 | 110 | 2251 | 55 | Extension for reply v | within first month | | |
| Fee Code | Fee Fee (\$) Code | | Fee Description | Fee Paid | 1252 | 420 | 2252 | 210 | Extension for reply v | within second mor | ith | |
| 1001 | (\$) Code 770 2001 | | Utility filing fee | 770 | 1253 | 950 | 2253 | 475 | Extension for reply v | within third month | | |
| 1002 | 340 2002 | 170 | Design filing fee | | 1254 | 1,480 | 2254 | | Extension for reply v | | 1 | |
| 1003 | 530 2003 | 265 | Plant filing fee | | 1255 | 2,010 | 2255 | | Extension for reply v | within fifth month | | ļ |
| 1004 | 770 2004 | 385 | Reissue filing fee | | 1401 | 330 | 2401 | | Notice of Appeal | | | J |
| 1005 | 160 2005 | 80 | Provisional filing fee | | 1402 | 330 | 2402 | | Filing a brief in supp | | | |
| | | | CUDTOTAL (4) | | 1403 | 290 | 2403 | | Request for oral hea | - | | - |
| SUBTOTAL (1) 770 | | | 1451 | 1,510 | 1451 | | | ition to institute a public use proceeding ition to revive – unavoidable | | | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | | | SSUE | 1452 1453 | 110 1,330 | 2452 2453 | | | ition to revive – unavoluable | | | |
| | E | xtra Cl | Fee from laims below Fe | e Paid | 1501 | 1,330 | 2501 | | | ity issue fee (or reissue) | | |
| Total Claims | | * = 0 | | .00 | 1502 | 480 | 2502 | | Design issue fee | • | | |
| indep. | | = 0 | | .00 | 1502 | 640 | 2502 | | Plant issue fee | • | | |
| Claims | - • | _ | | | 1406 | 130 | 1460 | | | nt issue fee itions to the Commissioner | | |
| Multiple Dependent 290.00 = 0.00 | | 1807 | 50 | 1807 | | | ocessing fee under 37 CFR 1.17(q) | | | | | |
| Large Entity Small Entity | | 1806 | 180 | 1806 | | • | bmission of Information Disclosure Stmt | | | | | |
| Fee Fee Code (\$) 1202 18 | Fee Fe Code (\$) 2202 9 | | Fee Description Claims in excess of 20 | | 8021 | 40 | 8021 | 40 | Recording each pate | cording each patent assignment per perty (times number of properties) | | 40.00 |
| 1201 86 | 2201 43 | | | 1809 | 770 | 2809 | 385 | | ng a submission after final rejection | | | |
| 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 *** Reissue independent claims | | 1810 | 770 | 2810 | 385 | For each additional | each additional invention to be | | | | | |
| 1205 18 | over original patent | | 1801 | 770 | 2801 | | | mined (37 CFR § 1.129(b)) | | | | |
| 1203 10 | 2205 9 | | and over original patent | | | 900 | 1802 | 900 | Request for expedite | equest for Continued Examination (RCI equest for expedited examination | | |
| SUBTOTAL (2) \$ 0.00 | | | | of a design application | | | | | | | | |
| **or number previously paid, if greater; For Reissues, see above. | | | Other | fee (spe | city) | | | | | | | |
| | | | | | *Redu | Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) | | | | | 40.00 | |
| SUBMITTED BY Complete (if applicable) | | | | | | | | | | | | |
| | | | | tion No. y/Agent | | 28,14 | 1 | Telephone | 703-312-6 | 600 | | |
| Signature // D/M/GNQ | | | | | | | | | | Date | 02/02/200 | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card Information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450